

What is claimed is:

1. A method of recovering a cancerous cell comprising the steps of:

preparing a sample comprising a collected naturally voided stool to which a buffer solution is added, at room temperature;

causing a cancer cell in said sample from which said impurity has been removed to be adsorbed on a solid carrier; and

recovering the thus adsorbed cancer cell.

2. The method according to claim 1, further comprising the step of removing an impurity from said sample using a filter.

3. The method according to claim 1, wherein all of the steps for the recovery of a cancerous cell are conducted without temperature control.

4. The method according to claim 1, wherein the step of causing the cancerous cell in the sample from which impurity has been removed to be adsorbed on the solid carrier and the step of recovering the adsorbed cancerous cell are also conducted at room temperature.

5. The method according to claim 1, wherein said buffer solution contains blood serum.

6. The method according to claim 1, wherein the amount of said buffer solution is equal to or more than the amount of said stool.

7. The method according to claim 1, wherein on the surface of said solid carrier is immobilized an antibody against an antigen on the surface of an epithelial cell and/or epithelial cancer cell.

8. The method according to claim 1, wherein said solid carrier is a magnetic bead, and wherein the recovery is carried out using a magnet.

9. The method according to claim 1, wherein said room temperature is not less than 15°C and not more than 35°C.

10. A cell recovery apparatus comprising:

a bag for storing a sample comprising a buffer solution and stool at room temperature; and

a container in which a solid carrier for the adsorption of a cell in said sample is stored.

11. The cell recovery apparatus according to claim 10, further comprising:

a filter portion connected to said bag for removing an impurity in said sample, wherein said container storing said solid carrier for the adsorption of cell in said sample is connected to said filter portion.

12. The cell recovery apparatus according to claim 11, wherein said filter portion is made up of one or more filters with different coarseness.

13. The cell recovery apparatus according to claim 10, wherein said container is provided with an agitating means for agitating at least one of said solid carrier and said sample.

14. The cell recovery apparatus according to claim 10, wherein said solid carrier is a magnetic bead, and wherein a recovering magnet is further provided near said container.

15. The cell recovery apparatus according to claim 10, wherein no temperature

control means is provided.